

Hazardous Substances Emergency Events Surveillance (HSEES) Program

Missouri Department of Health and Senior Services
2003 HSEES Events – Quarterly Summary *
July 1 through September 30 (Third Quarter)

JACKSON COUNTY

	Fixed Facility	Transportation	Total
County events this quarter:	8	3	11
Statewide events this quarter:	62	35	97

Types of Substances Released:

Ammonia

Hydrochloric Acid

Liquid Nitrogen

Mercury

Paint Stripper

Paint

Sodium Hypochlorite

Solvent

Number of Victims: 5

Types of Injuries Sustained:

Chemical burns

Respiratory irritation

Injury Outcomes:

Treated at hospital, not admitted

Reported by an official, treatment not known

Number of Events with Evacuations: 4

Number of People Evacuated: 447



Interesting Events:

A teacher suffered chemical burns and four other individuals were injured when the teacher tripped and spilled a gallon of hydrochloric acid. Two of the individuals refused treatment. The school was not evacuated; however, a hazardous materials team responded to clean up the spill.

Workers at an ice company located inside an underground complex noticed a cloud forming inside one of the caves. Equipment failure caused high pressure in a holding tank for ammonia and approximately 200 pounds of anhydrous ammonia was released when a pop-off valve detected the pressure and shut down the recirculating pipe system. Approximately 400 residents living within a half-mile from the site were evacuated as a precaution. The evacuation lasted for over five hours.

* Preliminary data – subject to change